


Deliberate Risk Assessment				Operational Period: Monday June 15, 2015							Incident: <b>Buckskin</b>					
Identification of Hazards and Risk Assessment				Tasks: Gather Intelligence Indirect Line							Mission: Fire Suppression					
Pre-mitigation				Division/Group Location							Reference IRPG, LCES, 10 & 18 for Standard Mitigations		Residual Risk			
Hazards	Likelihood	Severity	Risk Level	A	B	C	D spot fires	X Z	C a m p		Specific Mitigations follow	Likelihood	Severity	Risk Level	Risk vs. Gain Risk Acceptable ? Yes/No	
Snags, Hazard trees	Probable	Catastrophic	HIGH	x	x	x	x	x	x		Assess trees, Establish decision points for disengagement. Flag trees, follow IRPG guidelines post lookouts in hazard areas, stand condition awareness, adjust mop-up standards. Be alert to Rotor wash effects. Assess area where congregating, ie parking, briefing, etc...	Remote	Catastrophic	HIGH	Yes	
Tree felling Ops	Probable	Catastrophic	HIGH	x	x	x	x	x			Use Qualified supervision, lookouts, and qualified faller's. Assess trees, Establish decision points for disengagement, and follow procedural Felling Operations IRPG pg. 89. Traffic control along roads.	Remote	Catastrophic	HIGH	"	
Rough Terrain	Frequent	Critical	HIGH	x	x	x	x	x			Assess the need to travel into steep terrain. Watch out for people working below you. Shout out a warning for all to hear. Watch your footing especially in rough uneven terrain.	Remote	Critical	MEDIUM	"	
Driving	Remote	Catastrophic	HIGH	x	x	x			x		The rd. to camp has many residences with difficult to see driveways. Many don't stop at stop signs. Drive cautiously, slowly and respectfully. When exiting camp in the evening, the sun is directly in your eyes. Ensure windshields are clean inside and out.	Remote	Critical	MEDIUM	"	
Potential elevated fire behavior with wind and slope alignment	Probable	Critical	HIGH	x	x	x	x	x			Know where your fire is at all times. Establish look-outs. Ensure communications and identify and flag escape routes to known safety zones. Look up, Look down, Look all around.	Remote	Critical	MEDIUM	"	
Communications	Occasional	Catastrophic	HIGH	x	x	x	x	x	x		Brief others as needed. Debrief your actions. Communicate hazards. Acknowledge messages. Ask if you don't know. Post human repeaters if necessary. ID dead zones and make known to Communications at ICP	Remote	Critical	MEDIUM	"	
Air Operations Bucket drops, recon Crew Transport	Improbable	Critical	MEDIUM	x	x	x	x	x			Use aircraft and IHOG SOPS. Use Air attack when using multiple aircraft. Ground troops use signal devices and positive comms with aircraft.	Improbable	Marginal	LOW	"	
OHV use	Improbable	Critical	MEDIUM		x	x					Ensure qualified operators. Ensure ALL PPE. Use proper equipment and procedures when loading and unloading. When carrying equipment, equalize the load to maintain balance, stability and center of gravity.	Improbable	Marginal	LOW	"	
Heavy Equipment use	Improbable	Critical	MEDIUM	x	x	x					Qualified supervision, communications, good briefings, trained/experienced operators, ensure traffic control, repair road hazards when feasible.	Improbable	Critical	MEDIUM	"	
Stinging/biting insects & snakes & scorpions	Remote	Critical	MEDIUM	x	x	x	x	x	x		Give good briefings, situational awareness to biological and location specific issues, posting color photos of hazardous insects, ID, flag and avoid.	Remote	Marginal	MEDIUM	"	
Bears / Cougar	Remote	Critical	MEDIUM	x	x	x	x	x	x		Keep a clean camp. Both ICP and Spikes. If either of these is sighted report to supervisor..	Remote	Critical	MEDIUM	"	
Old mines	Improbable	Critical	MEDIUM	x	x	x	x	x	x		Be cautious for hidden mine shaft, old equipment. Flag and Avoid.	Improbable	Critical	MEDIUM	"	
Poison Oak	Frequent	Critical	HIGH	x	x	x	x	x	x		Apply immediate medication. Take daily showers, Utilize laundry unit. ID and avoid both plants and there smoke when possible	Occasional	Marginal	MEDIUM	"	
Operations Section Chief		Tim Pratt Eric Johnson (t)		Date		June 14, 2015					Safety Officer	Renee Lamoreaux Dan Ridenour		Date	June 14, 2015	



**Likelihood/Probability**

**Frequent-** Individual- Likely to occur often  
All Resources-Continuously experienced

**Probable-** Individual- Will occur several times  
All Resources- Will occur often

**Occasional-** Individual- Likely to occur sometimes  
All Resources- Will occur several times

**Remote-** Individual- Unlikely to occur but possible  
All Resources- Unlikely but can reasonably be expected to occur

**Improbable-** Individual- So unlikely, it can be assumed it will not occur  
All Resources- Unlikely to occur, but possible

*Risk= level of probability of a bad outcome*  
*Hazard= a condition that already exists with different levels of severity*

**Severity/Consequences**

**Catastrophic-** Results in fatality/fatalities/or loss of equipment

**Critical-** Severe injury and/or major system damage

**Marginal-** Minor injury and/or minor system damage

**Negligible-**Less than minor injury and/or less than minor system damage

*\*Not the worst case scenario, based on history of what has occurred.*

**Severity**

	Negligible	Marginal	Critical	Catastrophic
Frequent				HIGH
Probable				
Occasional		MEDIUM		
Remote				
Improbable	LOW			

**Likelihood/Probability**